**Predicting heart failure in patients using machine learning**

15/05/2021

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We certify that this is all our own original work. If we took any parts from elsewhere, then

they were non-essential parts of the assignment, and they are clearly attributed in our

submission. We will show we agree to this honour code by typing "Yes": Yes.

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### **Abstract**

With the increased interest and usage of artificial intelligence by tech giants, they offer a varying range of services that improve our quality of life. These can come in the form of digital assistants such Alexa, Google home or embedded in self driving cars. We will also explore the feasibility of utilising machine learning to predict the likeliness of patients having heart failure based off a range of medical conditions and readings. We will investigate each attribute, what they represent and whether they play a part in helping to predict heart failure.

### **Introduction**

We will be conduction our testing on the “Heart failure clinical records Data Set”. This dataset contains information on 299 patients with 13 attributes.

### **Methodology**

Discuss here.

### **Results**

Discuss here.

### **Discussion**

Discuss here.

### **Conclusion**

Discuss here.

### **References**

Discuss here.